

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original): A channel equalization apparatus in a digital receiver, the apparatus comprising:
 - a filter filtering a received signal and outputting a channel equalization output signal; and
 - an equalization amplitude control unit controlling an equalization coverage area of the received signal by controlling a filtering coefficient of the filter based on a level of a ghost, if the ghost is included in the received signal.
2. (original): The apparatus of claim 1, wherein the equalization amplitude control unit comprises:
 - a detector detecting the level of the ghost and outputting a determination result; and
 - a coefficient determiner determining the filtering coefficient based on the level of the ghost detected by the detector and providing the filtering coefficient to the filter.
3. (original): The apparatus of claim 2, wherein the detector determines whether the ghost is a near ghost and the coefficient determiner determines the filtering coefficient by referring to the determination result of the detector.

4. (original): The apparatus of claim 3, wherein if the ghost is the near ghost and the equalization coverage area is required to change, the coefficient determiner provides the filtering coefficient to the filter, such that the filtering coefficient is applied to a time range and a phase range of the near ghost.

5. (original): A channel equalization method in a digital receiver, the method comprising;

detecting a ghost from a received signal;

detecting a level of the ghost as a detected level of the ghost; and

controlling an equalization coverage area of the received signal based on the detected level of the ghost and performing channel equalization for the received signal.

6. (original): The method of claim 5 further comprising determining whether the detected ghost is a near ghost, wherein if the detected ghost is the near ghost, performing channel equalization further comprises applying the equalization coverage area based on the detected level of the ghost to an equalization coverage area of the near ghost.

7. (original): The apparatus of claim 4, wherein the digital receiver is a digital broadcast receiver and the received signal is a received broadcasting signal.

8. (original): The method of claim 6, wherein the digital receiver is a digital broadcast receiver and the received signal is a received broadcasting signal.

9. (original): A channel equalization apparatus in a digital receiver, the apparatus comprising:

means for filtering a received signal and outputting a channel equalization output signal;

and

means for controlling an equalization coverage area of the received signal by controlling a filtering coefficient of the means for filtering based on a level of a ghost, if the ghost is included in the received signal.

10. (original): The apparatus of claim 9, wherein the means for controlling the equalization coverage area comprises:

means for detecting the level of the ghost and outputting a determination result; and

means for determining the filtering coefficient based on the level of the ghost detected by the means for detecting and providing the filtering coefficient to the means for filtering.

11. (new): The apparatus of claim 1, wherein the level of the ghost is at a time domain.

12. (new): The apparatus of claim 1, wherein the level of the ghost is a DC level.